



# Garrett College & West Virginia University

Associate of Arts – Arts & Sciences: Mathematics / Science concentration A.A. leading to  
 Bachelor of Science in Physics B.S.  
 Suggested Plan of Study



Garrett College	Hours	WVU Equivalents	Hours
<b>Year One, 1<sup>st</sup> Semester</b>			
FYE 101 or FYE 103	1	WVUE 191	1
ENG 101	3	ENGL 101	3
MAT 210	3	STAT 211 (B.S. Area 1-1)	3
BIO 101 or CHE 101	4	BIOL 115 & BIOL 115L or CHEM 115 & CHEM 115L (B.S. Area 2-1)	3
MAT 190 (Concentration course)	4	MATH 155	4
<b>TOTAL</b>	15		15
<b>Year One, 2<sup>nd</sup> Semester</b>			
ENG 102	3	ENGL 102	3
COM 101	3	MDS 270	3
MAT 191 (Concentration course)	4	MATH 156 (B.S. Area 1-2)	4
BIO 102 or CHE 102 (second in sequence)	4	BIOL 117 & BIOL 117L or CHEM 116 & CHEM 116L (B.S. Area 2-2)	4
ECN 201 or ECN 202 or PSY 101 or SOC 101	3	ECON 202 or ECON 201 or PSYC 101 or SOC 101	3
<b>TOTAL</b>	17		17
<b>Year Two, 1<sup>st</sup> Semester</b>			
CIS 105 or CIS106 or CIS130	3	CS 1TC or CYBE 1TC or CIS 1TC	3
GER Humanities Course	3	Humanities Course	3
MAT 192 (Concentration course)	4	MATH 251	4
PHY 111 (Concentration course)	4	PHYS 111 & PHYS 111L (B.S. Area 3-1)	4
<b>TOTAL</b>	14		14
<b>Year Two, 2<sup>nd</sup> Semester</b>			
ECN 201 or ECN 202 or PSY 101 or SOC 101	3	ECON 202 or ECON 201 or PSYC 101 or SOC 101	3
MAT 281	4	MATH 261	4
Elective	3	Elective	3
PHY 112 (Concentration course)	4	PHYS 112 & PHYS 112L (B.S. Area 3-2)	4
<b>TOTAL</b>	14		14

West Virginia University			
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
PHYS 312	3	PHYS 314	4
PHYS 331	3	PHYS 333	3
General Elective	3	PHYS 332 or PHYS Elective <sup>(AoE 1)</sup>	3
General Elective	3	General Elective	3
General Elective	3	General Elective	2
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
PHYS 341L <sup>(AoE 2)</sup>	2	PHYS 342L <sup>(AoE 4)</sup>	2
PHYS 334 or PHYS/ASTR Elective <sup>(AoE 3)</sup>	3	PHYS 461 <sup>(AoE 5)</sup>	3
PHYS 451	3	PHYS 496	3
General Elective	4	General Elective	4
General Elective	3	General Elective	3
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>

Students must have a GPA of 2.2 in all MAT and PHY courses to be admitted directly into the Physics program upon transferring to West Virginia University.

The required Areas of Emphasis (AoE) have differing prerequisite and required courses, some of which can be completed at Garrett College. Consultation with an academic advisor within the Eberly College Undergraduate Affairs Office is recommended to ensure appropriate course selection.

Area of Emphasis: Students completing a Bachelor of Science in Physics must complete an Area of Emphasis selected from Computational Physics, Medical Physics, Physics Teaching, Professional Preparation, or Space Physics. The Professional Preparation Area of Emphasis is the typical plan of study for a B.S. degree in physics.

Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

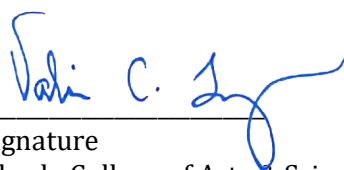
Students who have questions regarding this articulation agreement or the transferability of coursework may contact the WVU Office of the University Registrar. All other questions should be directed to the WVU Office of Admissions.

The above transfer articulation of credit between West Virginia University and Garrett College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger

Print Name

Valerie Lastinger Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences



Signature

8/10/2023

Date